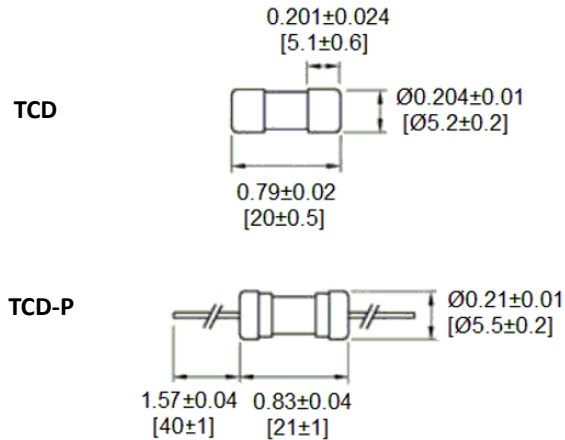


Mechanical Dimensions: Inches [mm]

Tolerances ± 0.01 [0.2] Unless Otherwise Specified

Part Numbers Information

Cartridge P/N	Axial Lead P/N	Ampere Rating	Voltage Rating	Max Voltage Drop (mV)	I ² t
TCD-200mA	TCD-P-200mA	200mA		2100	0.0480
TCD-250mA	TCD-P-250mA	250mA		1500	0.0570
TCD-315mA	TCD-P-315mA	315mA		1100	0.0960
TCD-400mA	TCD-P-400mA	400mA		1000	0.1610
TCD-500mA	TCD-P-500mA	500mA		850	0.2570
TCD-630mA	TCD-P-630mA	630mA		650	0.4510
TCD-800mA	TCD-P-800mA	800mA		500	0.5532
TCD-1A	TCD-P-1A	1A		350	1.014
TCD-1.25A	TCD-P-1.25A	1.25A		300	2.115
TCD-1.6A	TCD-P-1.6A	1.6A		200	4.238
TCD-2A	TCD-P-2A	2A	250VAC	190	7.120
TCD-2.5A	TCD-P-2.5A	2.5A		180	7.781
TCD-3.15A	TCD-P-3.15A	3.15A		140	15.46
TCD-4A	TCD-P-4A	4A		100	37.60
TCD-5A	TCD-P-5A	5A		100	60.95
TCD-6.3A	TCD-P-6.3A	6.3A		100	101.3
TCD-8A	TCD-P-8A	8A		100	188.7
TCD-10A	TCD-P-10A	10A		100	323.4
TCD-12A	TCD-P-12A	12A		80	539.2
TCD-12.5A	TCD-P-12.5A	12.5A		80	585.1
TCD-15A	TCD-P-15A	15A	80	934.1	
TCD-16A	TCD-P-16A	16A	80	1055	

Electrical Specifications

Interrupting Rating 1500A @ 250VAC

Operating Temperature -55 °C ~125°C

Approvals IEC 60127



Material Specifications

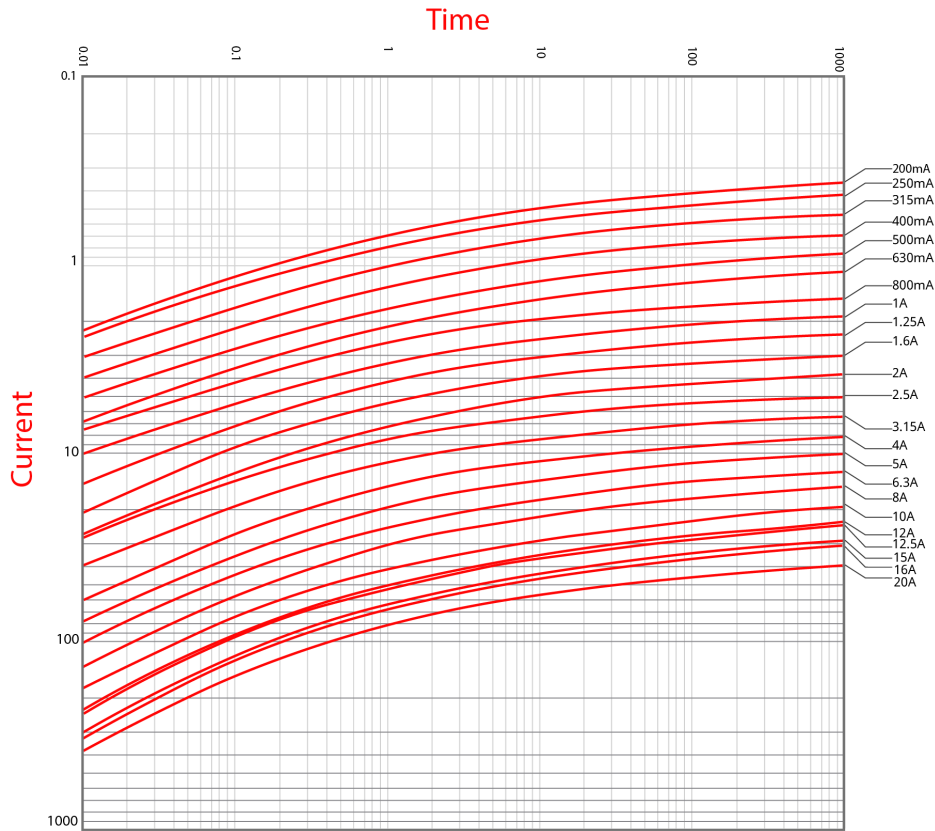
500VAC Version Available Upon Request

Body Material Ceramic

Cap Material Brass, Nickel Plated

Fill Material Quartz Sand

Time Current Curve



Amperage	200mA-800mA		1A-3.15A		4A-10A		>10A	
	Min	Max	Min	Max	Min	Max	Min	Max
-								
2.1x Rated Current	-	30 min	-	30 min	-	30 min	-	30 min
2.75x Rated Current	250 ms	80 s	750 ms	80 s	750 ms	80 s	1 s	80 s
4x Rated Current	50ms	5 s	95 ms	5 s	150 ms	5 s	150 ms	5 s
10x Rated Current	5ms	150 ms	10ms	150 ms	10 ms	150 ms	20ms	150 ms

Rev Date of issue Revision Notes

Designed Approved

B	10-24-2023	Format update	RC	OF
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